

REMARKS

Applicant respectfully requests reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow.

Claims 2, 3, 5, 6, 8, 9, 12 and 13 are requested to be canceled without prejudice or disclaimer.

Claim 1 is currently being amended.

Claims 16-22 are being added.

This amendment adds, changes and/or deletes claims in this application. A detailed listing of all claims that are, or were, in the application, irrespective of whether the claim(s) remain under examination in the application, is presented, with an appropriate defined status identifier.

After amending the claims as set forth above, claims 1, 4, 7, 10, 11, and 14-22 are now pending in this application.

In the Office Action, claims 1-3 and 11-13 were rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over Cotreay (U.S. Patent No. 5,528,682) in view of Glassman (U.S. Patent No. 4,277,648). Claims 4-6 and 14 were rejected under the same combination in further view of Holmes et al. (U.S. Patent No. 3,941,939) and Bouty et al. (U.S. Patent No. 3,865,992). Claims 7-9 and 15 were rejected as being unpatentable over Cotreay in view of Glassman and in further view of Hetherington et al. (U.S. Patent No. 4,007,335). Finally, claim 10 was rejected under 35 U.S.C. § 103(a) in view of the combination of Cotreay, Glassman, Holmes, Bouty and Hetherington. In view of the amendments to claim 1, the cancellation of claims 2, 3, 5, 6, 8, 9, 12 and 13, and for at least the following reasons, these rejections have been respectfully overcome.

First, the object of the present invention is different than that of Cotreay or Glassman. The object of Cotreay is the miniaturization of the filter circuit in a SLIC which has two filter circuits. The object of Glassman is the proposal of a

monitoring apparatus which detects an on-hook and off-hook condition of a subscriber line.

In contrast, the present invention as recited in amended claims 1 and new claim 16, proposes the subscriber circuit which can detect failures, such as the breaking of a wire of a subscriber line, by monitoring a two-wire signal sent from the terminal, without using a monitoring instrument of exclusive use. The subscriber circuit of this invention realizes miniaturization of a system by avoiding the use of a signal monitoring instrument of exclusive use.

Second, the present invention is unique in its providing of the level converter, the signal output circuit, the wave filter, the signal monitor and the control circuit which are distinctive configurations of this invention in the subscriber circuit for feeding current of a call to the terminal in order to accomplish the above-mentioned object. That is, the present invention adds the configuration for supervising the failure of a subscriber line to the subscriber's circuit for performing control of a feed circuit and, thereby, makes the signal monitoring instrument of exclusive use unnecessary.

Neither Cotreay nor Glassman, alone or in combination, disclose, teach or suggest the present invention as claimed in claims 1 and 16. Accordingly, the rejections under 35 U.S.C. § 103(a) based thereon should be reconsidered and withdrawn.

Applicant believes that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

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By 

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